

Message Text

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44

ACTION EUR-12

INFO OCT-01 ISO-00 EB-07 CIAE-00 INR-07 NSAE-00 /027 W
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P R 091445Z SEP 76
FM AMEMBASSY BELGRADE
TO USDOC WASHDC PRIORITY
INFO SECSTATE WASHDC 7983
AMCONSUL ZAGREB

UNCLAS SECTION 1 OF 2 BELGRADE 5912

PASS STRAUSS LEON, COMMERCE, BIC/OIM/SIPS

E.O. 11652: NA
TAGS: ETRD YO
SUBJ: PRODUCT OPPORTUNITY - TELECOMMUNICATIONS AND SUPERVISORY
CONTROL SYSTEM FOR GAS PIPELINE

REF: (A) BELGRADE 5737, (B) STATE 217772, (C) BELGRADE 5477

SUMMARY: ON SEP 8 EMBASSY RECEIVED AND AIRMAILED
PREQUALIFICATION DOCUMENT TO COMMERCE. DEADLINE FOR
PREQUALIFICATIONS IS NOON, SEP 17. THIS MESSAGE
PROVIDES HIGHLIGHTS CONTAINED IN DOCUMENT CONCERNING
REQUIREMENTS FOR PREQUALIFICATION AND SCOPE OF PROJECT.
EMBASSY RECOMMENDS THAT INFORMATION BE DISTRIBUTED TO
INTERESTED US FIRMS SO THAT THEY CAN ASCERTAIN WHETHER
APPLICATIONS ALREADY SUBMITTED CONFORM WITH REQUIREMENTS.
IF ANY FIRM'S SUBMISSION IS DEFICIENT, EMBASSY PREPARED
ASK NAFTAGAS EXTEND PREQUALIFICATION DEADLINE ON GROUNDS
ENTERPRISE FAILED TO RESPOND IN TIMELY FASHION TO OUR REQUESTS
AUG 20, AUG 26, AND SEP 2 TO PROVIDE PREQUALIFICATION
DOCUMENT FOR DISTRIBUTION TO US INDUSTRY. SHOULD SUCH
EMBASSY INTERVENTION PROVE NECESSARY, WE WOULD RECOMMEND
PARALLEL APPROACH IN WASHINGTON TO IBRD. END SUMMARY.

1. THIS MESSAGE PROVIDES HIGHLIGHTS OF PREQUALIFICATION
DOCUMENT AIRMAILED SEP 8 TO WASHINGTON FOR DISTRIBUTION
TO US FIRMS. EMBASSY UNDERSTANDS THAT TELEDYNE, IN ADDITION
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TO FIRMS MENTIONED REF C, ATTEMPTING TO PREQUALIFY.

APPLICATIONS WILL BE CONSIDERED ONLY FROM FIRMS WHICH HAVE COMPLETED SIMILAR PROJECTS IN THE VALUE OF 1.5 MILLION DOLLARS OR ABOVE. NOTE THAT DEADLINE IS NOON, SEP 17 RATHER THAN SEP 13 AS PREVIOUSLY REPORTED. SINCE PREQUALIFICATION REQUIREMENTS GENERALLY APPEAR STANDARD, INTERESTED US FIRMS MAY ROUTINELY HAVE BEEN ABLE TO COMPLY ON BASIS OF INFORMATION PROVIDED PARA 4 REF C. IN THE EVENT, HOWEVER, THAT NAFTAGAS FAILURE TO PROVIDE DOCUMENT IN TIMELY FASHION PREVENTED US FIRMS FROM COMPLYING WITH REQUIREMENTS, EMBASSY IS PREPARED TO FOLLOW UP WITH YUGOSLAV ENTERPRISE AND USDOC MAY WISH TO APPROACH IBRD TO REQUEST EXTENSION OF DEADLINE.

2. FOLLOWING INFORMATION MUST BE SUBMITTED ON APPLICATION FOR PREQUALIFICATION:

- (A) VENDOR'S NAME, POSTAL ADDRESS AND TELEX/CABLE ADDRESS OF VENDOR'S OFFICE, TO WHERE CORRESPONDENCE IS TO BE DIRECTED.
- (B) LEGAL STATUS (PUBLIC COMPANY, LIMITED LIABILITY COMPANY, ETC.), REGISTERED CAPITAL: PAID UP CAPITAL, DATE OF REGISTRATION, NATIONALITY, COUNTRY FROM WHICH CONTROL IS EXERCISED.
- (C) IS VENDOR INTERESTED IN YUGOSLAVIA? IF YES, GIVE DETAILS.
- (D) HAS VENDOR FORMED A JOINT VENTURE WITH A YUGOSLAV OR FOREIGN COMPANY BEFORE? IF SO, GIVE DETAILS OF ASSOCIATION.
- (E) BRIEF DESCRIPTION OF WORKS, PERIOD, LOCATION, CUSTOMER, VALUE AND TIME REQUIRED FOR COMPLETION OF SIMILAR WORKS DURING LAST 5 YEARS AND CURRENT CONTRACTS IN YUGOSLAVIA AND ELSEWHERE.
- (F) A DETAILED DESCRIPTION OF MANUFACTURING FACILITIES AND SOFTWARE DEVELOPMENT CAPABILITIES.
- (G) A DETAILED DESCRIPTION OF PRODUCT MANUFACTURING CAPABILITIES IN THE AREAS OF RADIO COMMUNICATION, TELEMETRY AND INSTRUMENTATION EQUIPMENT. A DETAILED DESCRIPTION OF HOW PROCUREMENT OF EQUIPMENT NOT NORMALLY MANUFACTURED BY VENDOR WILL BE HANDLED.
- (H) NAMES OF SENIOR OFFICERS AND KEY PERSONNEL TOGETHER WITH DETAILS OF THEIR QUALIFICATIONS AND EXPERIENCE.
- (I) A DETAILED ORGANIZATION CHART SHOWING SUPPORT FACILITIES SUCH AS PROCUREMENT, INSPECTION AND EXPEDITING AND PARTICULARS OF CONSTRUCTION EQUIPMENT WHICH THE COMPANY HAS AVAILABLE AND UNCLASSIFIED

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- WOULD BE USED FOR THIS PROJECT IN YUGOSLAVIA, IN EUROPE, AND ELSEWHERE. NAFTAGAS RESERVES THE RIGHT TO INSPECT VENDOR'S EQUIPMENT, FACILITIES AND PERSONNEL AT ANY TIME DURING AND/OR AFTER THE PREQUALIFICATION PROCEDURE.
- (J) CERTIFIED AUDIT COPY OF LAST YEAR'S BALANCE SHEET OF COMPANY.
 - (K) CERTIFICATE FROM A REPUTABLE BANK WHICH WILL BE PREPARED TO ISSUE A BID BOND TO THE VALUE OF US \$100,000 AND A PERFORMANCE

BOND NOT LESS THAN 10 PERCENT OF TENDER VALUE IN THE EVENT OF AN AWARD OF A CONTRACT.

(L) NAMES, POSITIONS AND ADDRESSES OF AT LEAST TWO REFERENCES, ONE TECHNICAL AND ONE FINANCIAL TO WHOM NAFTAGAS MAY REFER.

(M) DETAILS OF ANY LITIGATION OR ARBITRATION CASES OF COMPANY, IF ANY, AND RESULTS THEREOF.

(N) DECLARATION TO BE SUBMITTED ON COMPANY LETTERHEAD:

(1) WE (NAME) WISH TO QUALIFY AS TELECOMMUNICATION SYSTEM VENDOR FOR THE WORKS DESCRIBED IN PART 3 OF THESE PREQUALIFICATION PROCEDURES (I.E. SUCCEEDING PARAGRAPHS THIS MESSAGE), AND REQUEST NAFTAGAS - GAS TO ISSUE THE FORMAL TENDER DOCUMENTS TO US. WE WARRANT OUR COMPETENCE TO EXECUTE THE ENTIRE WORKS IN ACCORDANCE WITH THE HIGHEST PROFESSIONAL STANDARDS.

(2) WE ACKNOWLEDGE THAT NAFTAGAS - GAS HAS ABSOLUTE DISCRETION AND RIGHT IN THE SELECTION OR REJECTION OF US AS THE TELECOMMUNICATION SYSTEM VENDOR FOR THE WORKS, AND THAT NAFTAGAS - GAS SHALL NOT BE REQUIRED EITHER TO ASSIGN A REASON FOR OUR REJECTION OR REFUSAL TO ISSUE TENDER DOCUMENTS OR ENTER INTO ANY CORRESPONDENCE CONCERNING THE SELECTION OF ANY OR ALL VENDORS. (SIGNED BY, POSITION, FOR AND ON BEHALF OF).

3. FOLLOWING ARE GENERAL REQUIREMENTS OF TELEMETRY, TELECOMMUNICATIONS AND INSTRUMENTATION SYSTEM:
THE SYSTEM SHALL:

(A) ENABLE REMOTE CONTROL OF BLICK VALVES AND FLOW CONTROL VALVES.

(B) ENABLE TELEMETERING OF FLOW RATES, VOLUMES, PRESSURES, TEMPERATURES, AND OTHER VARIABLES.

(C) MONITOR THE PERFORMANCE OF FIELD EQUIPMENT AND PRODUCE ALARM MESSAGES INDICATING EQUIPMENT FAILURE.

(D) PROVIDE CALCULATIONS TO ASSIST THE DISPATCHER IN
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OPTIMIZING PIPELINE LOADING AND BALANCING OF INPUTS AND OUTPUTS.

(E) PROVIDE A COMPLETE HISTORICAL RECORD OF OPERATIONS TO HELP DETERMINE FUTURE REQUIREMENTS AND TO REVIEW UNUSUAL OPERATING CONDITIONS.

(F) FURNISH PERIODIC DATA REPORTS FOR MANAGEMENT AND ACCOUNTING USE.

(G) CONTAIN THE FLEXIBILITY NECESSARY TO INCLUDE FUTURE STATIONS OR EXPAND EXISTING STATIONS.

4. FOLLOWING ARE ELEMENTS REQUIRED IN THE SYSTEM:

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FM AMEMBASSY BELGRADE

TO USDOC WASHDC PRIORITY

INFO SECSTATE WASHDC 7984

AMCONSUL ZAGREB

UNCLAS SECTION 2 OF 2 BELGRADE 5912

- (A) SCANNING TYPE SYSTEM WITH DIGITAL SIGNAL TRANSMISSION UTILIZING TIME DIVISION MULTIPLEXING TECHNIQUES.
- (B) COMPUTER BASED DISPATCH CENTER WITH COMPUTER ASSISTING IN DATA ACQUISITION, REPORT PRINTING, DATA DISPLAY, AND VARIOUS CALCULATIONS TO ASSIST THE DISPATCHER WITH KEEPING THE SYSTEM IN BALANCE.
- (C) CONTROL OF STATION BLOCK VALVES AND FLOW CONTROL VALVES BY CENTRAL DISPATCHER.
- (D) BACKUP COMPUTER AND BACKUP HARDWIRED CONTROL UNIT TO ENABLE COMPLETE CONTROL AND MONITORING OF PIPELINE OPERATIONS IN CASE OF EQUIPMENT FAILURE.
- (E) CATHODE RAY TUBE OR PANELBOARD DISPLAYS FOR DISPATCHER INTERFACE WITH SYSTEM.
- (F) UPDATE OF DATA, ALARMS, AND STATUS APPROXIMATELY ONCE EACH MINUTE. CONTROL MESSAGES TO HAVE PRIORITY OVER SCAN AND TO BE SENT IMMEDIATELY UPON INITIATION.
- (G) DRUM OR DISC MEMORY TO ASSIST IN COMPUTER STARTUP AND FOR STORAGE OF SOFTWARE AND DATA.
- (H) DATA AND EVENT LOGGERS TO RECORD DATA, ALARMS, AND CONTROL ACTIONS BY DISPATCHER.
- (I) COMMUNICATION SYSTEM FOR THE TRANSMISSION OF SIGNALS BETWEEN DISPATCH CENTER AND REMOTE STATIONS THROUGH (1) USE OF VARIER FREQUENCIES IN THE 960 TO 1,000 MHZ OR MICROWAVE RANGES /7.100-7.300 GHZ, (2) USE OF OWN COMMUNICATION CABLE LAID IN THE DITCH, (3) LEASED CHANNELS IN THE EXISTING PTT NETWORK.
- (J) HOT STANDBY WITH AUTOMATIC SWITCH OVER OF KEY COMMUNICATION EQUIPMENT TO ALLOW CONTINUOUS TRANSMISSION OF CONTROL,

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DATA AND ALRM MESSAGES IN CASE OF EQUIPMENT FAILURE.

(K) MOBILE COMMUNICATION SYSTEM TO ASSIST WITH MAINTENANCE
AND OPERATION OF PIPELINE.

(L) UNINTERRUPTIBLE POWER SUPPLIES AT DISPATCH CENTER AND
REMOTE STATIONS TO PROVIDE FOR CONTINUOUS CONTROL AND
MONITORING OF PIPELINE DURING PERIODS OF AC POWER FAILURE.

5. FOLLOWING ARE FUNCTIONAL REQUIREMENTS:

(A) THE PIPELINE SYSTEM AS PRESENTLY CONFIGURED CONSISTS
OF THE FOLLOWING STATIONS:

1. DISPATCH CENTER
2. FOUR /4/ INPUT STATIONS
3. TWENTY -SIX /26/ OUTPUT STATIONS
4. FOUR /4/ MAINLINE JUNCTION POINTS

(B) EACH OF THE ABOVE REMOTE LOCATIONS SHALL BE CONTINUOUSLY
CONTROLLED AND MONITORED BY THE DISPATCH CENTER. THE REMOTE
LOCATIONS WILL CONTAIN THE FOLLOWIING APPROXIMATE FUNCTIONAL
REQUIREMENTS:

1. INPUT STATION - TYPE 1 (1 REQUIRED)

ANALOG 14

ALARMS 8

CONTROL 2

STATUS 2

2. INPUT STATION - TYPE 2 (3 REQUIRED)

ANALOG 8

ALARMS 8

CONTROL 3

STATUS 2

3. OUTPUT STATIONS (26 REQUIRED)

ANALOG 8

ALARMS 9

CONTROL 4

STATUS 4

4. MAINLINE JUNCTION POINTS (4 REQUIRED)

ANALOG 5

ALARMS 6

CONTROL 2

STATUS 2

(C) FUTURE EXTENSION

1. OUTPUT STATIONS (15 REQUIRED)

ANALOG 8

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ALARMS 9

CONTROL 4

STATUS 4

2. COMPRESSOR STATIONS (2 REQUIRED)

ANALOG 5

ALARMS 12
CONTROL 5
STATUS 7
3. UNDERGROUND STORAGE (2 REQUIRED)
ANALOG 8
ALARMS 12
CONTROL 6
STATUS 7

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Message Attributes

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Disposition Approved on Date:
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Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
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Disposition Reason:
Disposition Remarks:
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